

**IN THE CLAIMS:**

Please **AMEND** claim 1, **CANCEL** claims 2 and 3, and **ADD** new claims 7 and 8 as follows:

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Claim 1. (Currently Amended) A sample temperature regulator comprising:  
a heating block having a receptacle formed therein as a sample container holder, said heating  
block attaching a temperature-controllable heater;  
a cooling block separate from said heating block and having a cooling mechanism; and  
a connecting plate separate from said heating block and said cooling block and being  
positioned between and attaching the heating block with respect to the cooling block;  
wherein the connecting plate is made of a material having a thermal conductivity lower than  
those of these two blocks.

Claim 2. (Canceled)

Claim 3. (Canceled)

Claim 4. (Withdrawn)

Claim 5. (Withdrawn)

Claim 6. (Withdrawn)

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Claim 7. (Newly Added) A sample temperature regulator comprising:

a heating block having a sample container holder and a temperature-controllable heater;

a cooling block having a cooling mechanism; and

a connecting plate for combining the heating block and the cooling block with each other;

wherein the connecting plate is made of a material having a thermal conductivity lower than

those of these two blocks; and

a refluxing block which is brought into contact with an upper port of a sample container.

Claim 8. (Newly Added) The sample temperature regulator according to claim 7, wherein the cooling block is combined with a plurality of heating blocks.